

Title (en)

CELL CONCENTRATION METHODS AND DEVICES FOR USE IN AUTOMATED BIOREACTORS

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR BESTIMMUNG DER ZELLKONZENTRATION IN AUTOMATISIERTEN BIOREAKTOREN

Title (fr)

MÉTHODES ET DISPOSITIFS DE CONCENTRATION CELLULAIRE DESTINÉS À ÊTRE UTILISÉS DANS DES BIORÉACTEURS AUTOMATISÉS

Publication

**EP 3914690 A4 20221109 (EN)**

Application

**EP 20752434 A 20200205**

Priority

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- US 2020016756 W 20200205

Abstract (en)

[origin: US20255793A1] The present disclosure provides cassettes for use in automated cell engineering systems that include cell concentration filters for reducing fluid volume of a cell sample during or following automated processing. The disclosure also provides methods of concentrating a cell population, as well as automated cell engineering systems that can utilize the cassettes and carry out the methods.

IPC 8 full level

**C12M 1/00** (2006.01); **C12M 3/06** (2006.01)

CPC (source: EP IL KR US)

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Citation (search report)

- [X] WO 2018015561 A1 20180125 - CELYAD [BE]
- [I] US 2015247114 A1 20150903 - GEBAUER KLAUS [SE]
- [A] US 2014093952 A1 20140403 - SERWAY DAVID [US]
- See also references of WO 2020163454A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**US 11773365 B2 20231003**; **US 2020255793 A1 20200813**; CA 3128387 A1 20200813; CN 113498432 A 20211012; EP 3914690 A1 20211201; EP 3914690 A4 20221109; IL 285288 A 20210930; JP 2022519726 A 20220324; KR 20210125510 A 20211018; SG 11202108473X A 20210929; US 2023407234 A1 20231221; WO 2020163454 A1 20200813

DOCDB simple family (application)

**US 202016782181 A 20200205**; CA 3128387 A 20200205; CN 202080016817 A 20200205; EP 20752434 A 20200205; IL 28528821 A 20210801; JP 2021546293 A 20200205; KR 20217027664 A 20200205; SG 11202108473X A 20200205; US 2020016756 W 20200205; US 202318455388 A 20230824